

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

PUBLICATION NUMBER : 07201501  
PUBLICATION DATE : 04-08-95

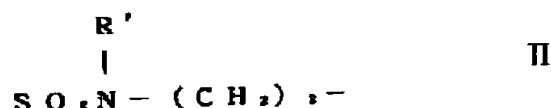
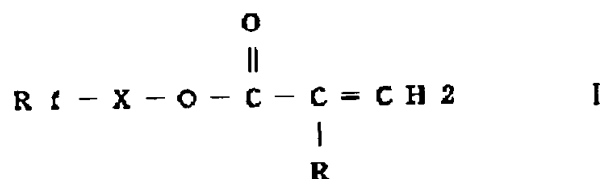
APPLICATION DATE : 28-12-93  
APPLICATION NUMBER : 05335403

APPLICANT : ALPS ELECTRIC CO LTD;

INVENTOR : AIDA MASATO;

INT.CL. : H01C 1/02 C08K 5/10 C08L 81/02  
H05K 3/28 H05K 3/34

TITLE : METHOD OF PREVENTING  
PENETRATION OF FLUX INTO  
ELECTRONIC COMPONENT



ABSTRACT : PURPOSE: To prevent the penetration of flux into an electronic component by a soldering step by using a polyarylene sulfide resin composition containing a specific fluorine-containing (meth)acrylate copolymer in a specific condition group and in which fluorine can be oriented on a surface.

CONSTITUTION: A polyarylene sulfide resin composition containing copolymer which contains a specific fluorine-containing (meth)acrylate copolymer represented by a formula I and non-fluorine (meth)acrylate represented by a formula II as indispensable ingredients is used. In the formula I, Rf is 4-16C fluorinated alkyl group, and X is bivalent coupling group. In the formula II, R' is H or 1-3C alkyl group, or  $-(\text{CH}_2)_2-$ , and R is H or  $\text{CH}_3$ . Thus the penetration of flux by a soldering step can be prevented effectively and simply.

COPYRIGHT: (C)1995,JPO